

Work title:

Case study of physiotherapy treatment of the patient with forearm fracture complicated by peripheral paresis n. radialis

Summary of the work:

The aim of my bachelor paper is to become familiar with the basic anamnestic data about the neuromuscular system, to identify diseases and disorders of peripheral nerves, specifically focused on the radial nerve palsy and its treatment options and develop a particular case for a patient with this diagnosis.

The developed work was based on the retrieval of data processing problems and is divided into two sections: the general and special.

In general section I point to the anatomical structure of nervous system, focusing mainly on the peripheral nervous system, peripheral motor neurone disorder, etiology, pathophysiology, recovery and treatment.

A special section contains a case report prepared for the patient suffering from peripheral radial nerve palsy after Monteggia fracture of ulna, which I had the opportunity to perform at the Royal University Hospital in Vinohrady, the required monthly practice in the period from January 24 - February 18 2011, under the supervision of Ivana Karlova. This section includes anamnestic data processing, kinesiology entrance examination on the basis of which, I set short-term rehabilitation program applied in the different therapeutic units, as well as final examinations and long-term therapeutic plan for the evaluation of the effect of therapy.

Key words: peripheral paralysis, neuropathy, n. radialis, rehabilitation